

**Amendments to the Drawings:**

The attached replacement drawing sheets makes changes to Fig. 1 and replaces the original sheets with Fig. 1.

Attachment: Replacement Sheet

**REMARKS**

Claims 1-3, 8-15, 28 and 29 are pending in this application. Applicants appreciate the Office Action's indication that claim 26 contains allowable subject matter.

By this Amendment, independent claims 1-3 are amended to incorporate the allowable subject matter recited in claim 26. Claim 8, Fig. 1 and the specification are amended, as the Examiner requested. Claims 4-7 and 16-27 are canceled.

Reconsideration of the application is respectfully requested in light of the foregoing claim amendments and following remarks.

The Office Action objects to the drawings. Fig. 1 is amended to delete the numeral reference "104." Accordingly, withdrawal of the objection to the drawings is respectfully requested.

The Office Action objects to the specification in view of the "silicon and germanium" recited in claim 26. The specification is amended to include a description of "silicon or silicon and germanium," based on the subject matter originally recited in claim 26, which is part of the original disclosure of the present application. No new matter is added. Accordingly, withdrawal of the objection to the specification is respectfully requested.

The Office Action rejects to claim 8. Claim 8 is amended as the Examiner suggested. Accordingly, withdrawal of the objection to claim 8 is respectfully requested.

The Office Action rejects claims 4-7 and 16-24 under 35 U.S.C. §112, second paragraph. This rejection is moot in view of the cancellation of claims 4-7 and 16-27.

The Office Action rejects claims 1-5, 8-12, 25 and 27-29 under 35 U.S.C. §102(b) over U.S. Patent Publication No. 2002/0102791 to Kurasawa et al.; and rejects claims 13 and 14 under 35 U.S.C. §103(a) over Kurasawa in view of U.S. Patent 6,737,690 to Higuchi et al. This rejection is moot with respect to the canceled claims 25 and 27, and is respectfully traversed with respect to the remaining claims.

As discussed above, independent claims 1-3 are amended to incorporate the allowable subject matter originally recited in claim 26. Thus, claims 1-3 are patentable over Kurasawa and Higuchi.

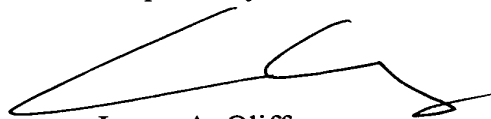
Claims 8-15, 28 and 29 are each patentable at least in view of the patentability of claim 1, from which they depend, as well as for additional features they recite.

Accordingly, withdrawal of the rejection of claims 1-3, 8-15, 28 and 29 under 35 U.S.C. §102(b) and 35 U.S.C. §103(a) is respectfully requested.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-3, 8-15, 28 and 29 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Gang Luo  
Registration No. 50,559

JAO:GXL/sqb

Attachment:

Replacement Sheet of Drawings

Date: June 9, 2005

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--